

**ABSTRACT OF THE DISCLOSURE**

Method for measuring the movement of a solid, using an absolute measurement associated with a double integration measurement.

5 This method applies in particular to sensing movements of the human body and comprises a series of steps of measurement of the acceleration of the solid (2) and double integration of these measurements to obtain successive values of a first  
10 translation of the solid, and a series of absolute measurement steps of at least one second degree of freedom of the solid, namely a rotation, and this measurement of rotation is converted into a measurement of translation which translation measurement is used to  
15 update the first translation.

Figure 1.